



Interstate 10/Tex Wash Bridge Washout Emergency

CTC DECEMBER 2015 MEETING

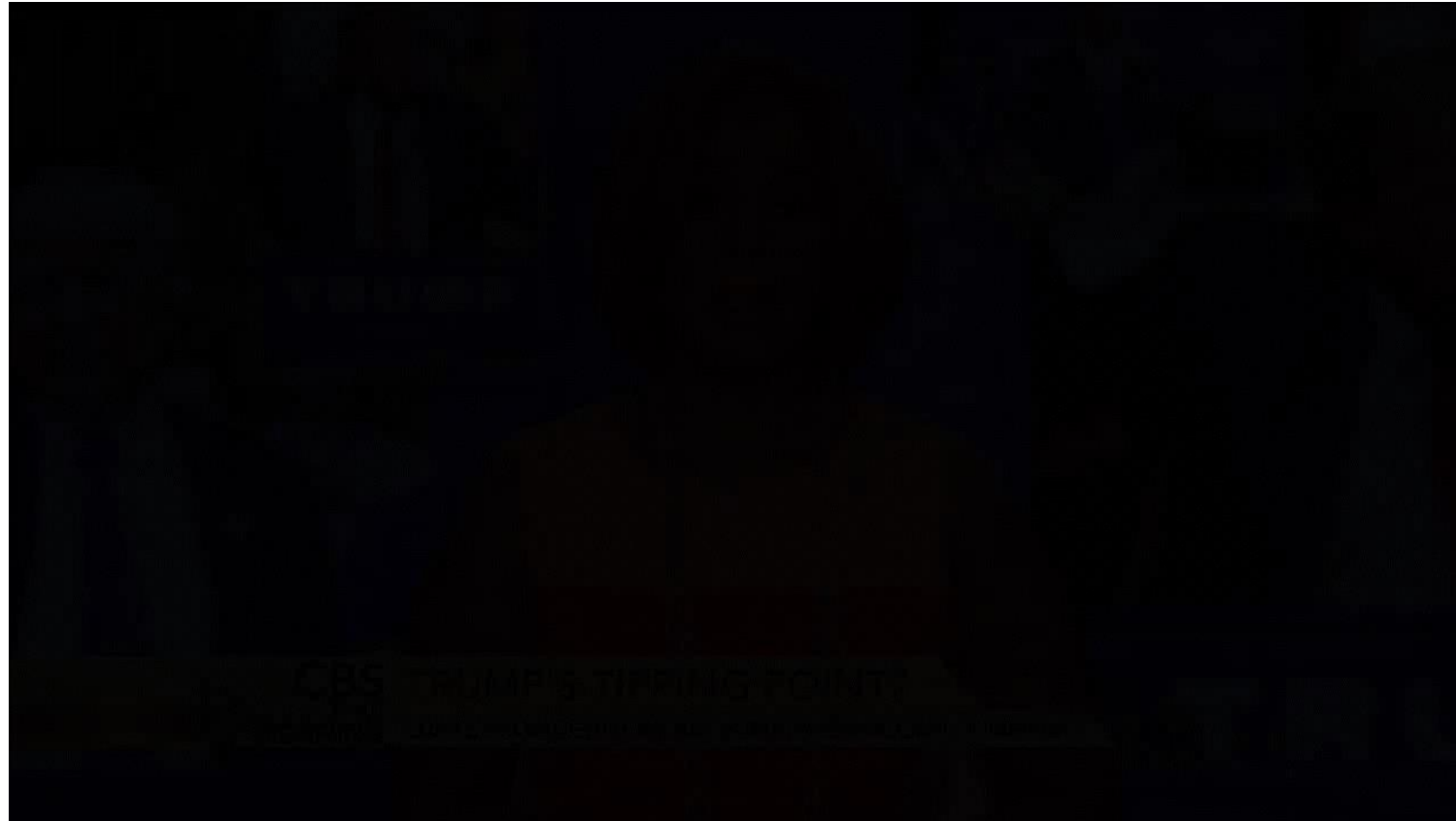
DECEMBER 9, 2015

Incident

- July 17— Southern and Central California experienced unrivaled showers and thunderstorms.
- July 19— flash floods caused eastbound I-10 bridge over Tex Wash to washout and collapse.
- Immediately following the collapse, Interstate 10 was closed in both directions.



National Coverage of Incident



Inspections

- July 20—Structure Maintenance and Investigations (SM&I) inspected 44 bridges along I-10 in eastern Riverside County I-10.
- SM&I determined that eastbound collapsed due to undermining and scouring.
- SM&I also found damage to Adair Ditch, Hillock Ditch and Weed Ditch Bridges.
- July 23—repairs to Adair Ditch, Hillock Ditch and Weed Ditch were completed.



Emergency Contract

- July 20—An emergency contract was initiated, approved and awarded to Granite Construction, Inc.
- The Federal Highway Administration (FHWA) provided \$2 million of immediate release funding for the repairs and emergency opening repairs.
- Emergency Opening work consisted of:
 - constructing a crossover
 - placing RSP
 - repairing and reinforcing the westbound bridge
 - removal of the E/B bridge.
- A second Director's Order was approved for the replacement of the eastbound Tex Wash Bridge.

Initial Opening of Interstate 10

- Opening I-10 to traffic was always the primary goal—even while inspections and repairs were being made at other locations.
- July 24—westbound I-10 was opened to two-way traffic—just five days after the collapse.
- To announce the opening, a press conference was held on-site.



How we reacted?

- Immediate response—Maintenance on scene within minutes.
- Granite Construction, Inc. was mobilized and working within 23 hours.
- Traffic was restored on Interstate 10 within five days.
- Interstate 10 was fully opened within 67 days due to utilization of accelerated bridge construction techniques.
- Internal and external communication was imperative.

Full Freeway Re-Opening

- September 24—the eastbound I-10 Tex Wash Bridge was replaced in its entirety and was re-opened to traffic—a week earlier than expected.
- September 25—the westbound bridge was returned to its original two-lane configuration.
- September 30—a ribbon cutting ceremony, to celebrate the achievement, was held on-site on.
- To date, the estimated cost for the emergency repairs is \$13 million.



